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To: EIS/YM/RWDOE
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Subject: EIS Comment

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The Commentors Name:

--->Mr. Samuel Pierce M Pierce PE

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Comment Text :

-->Yucca Mountain Nuclear Waste Repository

Draft Environmental Impact Statement

Thank you for the opportunity to comment on the Draft Environmental Impact Statement.  
I am concerned about many aspects of the Draft Environmental Impact Statement.

- 1 Of particular concern is the inadequate treatment of the routing of the shipments. The DEIS does not identify the national transportation routes to be utilized for the shipment of the waste. Therefore the specific impacts to communities along the routes is not addressed except in a generic manner. Such an analysis is inadequate. My concern runs at many levels.
- 2 1) In the mostly truck scenerio, the heavy haul truck carrying the shipping cask is hugh, approximately 220 feet. Add to this behemoth, the support vehicles. What is the transportation impact of this carravan on the transportation network of Las Vegas and the highways of other communities along the route. Our system is already strained by our growth. Will these shipments neccesitate the construction of additional lanes for our freeways. Will the reduced capacity of the highways increase travel times. If so what will be the impact on both commerce and air quality?
- 3 2) The DEIS uses 1990 census data in the analysis for the Las Vegas area. The figure of 88,745 individuals is roughly one half the actual 2000 figure of 154,792. The estimated 2020 population within a half mile of the high level waste routes is close to 400,000 people. What is the effect on the actual population of 400,000. What will be the economic impacts on the 23 hotels within the one half mile zone. What are the stigma impacts on hotels outside the one half mile zone. What economic impact is predicted for the property owners within the influence zone of the route.
- 4... ~3) The DEIS must consider the real impact of an accident along the route.
  - a. What will be the response of the local health and

4 cont.

emergency personnel.

Are the relevant personnel trained for responding to an accident involving high level nuclear waste.

Is the medical establishment trained to treat patients exposed to high level nuclear waste.

What type of emergency preparedness is required to be in place to adequately respond to an accident involving high level nuclear waste?

Who will pay the cost of formulating such a plan and training all the emergency response and health professionals?

b. What are the economic impacts on the local economy if an accident occurs. This question applies to all communities along the transportation routes.

What are the direct economic impacts to families and businesses in the area of the accident during the emergency response. What type of cleanup is required in the case of an accident involving the release of high level nuclear waste.

What are the stigma effects to property owners in the area of an accident.

What are the stigma effects to Las Vegas if we have an accident here. Our economy is based on tourism. Other destinations are available to individuals who would be reluctant to bring their families a city which has experienced a nuclear accident. How long would the stigma of a nuclear accident impact the economy of our city. What happens to all non-tourist sectors of the economy if an accident involving nuclear waste in our city seriously undermines the tourist revenue of the region?

Please respond to each of these questions as they have a direct relationship to the quality of life of myself, my family and my community.

Thankyou again for the opportunity to comment.

Sincerely,  
Samuel Pierce PE

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